

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference  86010/12939/04	<b>FOR FURTHER ACTION</b>  see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No.  PCT/GB2004/004967	International filing date (day/month/year)  25/11/2004	(Earliest) Priority Date (day/month/year)  24/12/2003
Applicant  EASTMAN KODAK COMPANY		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of the International application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☒ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. \_\_\_\_\_

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☐ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/004967

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G03C1/76 G03G5/14 B41M5/40

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G03C G03G B41M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 01 107255 A (FUJI) 25 April 1989 (1989-04-25) cited in the application	1-6, 9-11, 13, 19
Y	page 4, left-hand column, line 16 - line 28 page 5, right-hand column, line 34 - line 37 page 6, right-hand column, line 27 - line 30 page 8, left-hand column, line 22 - line 24 page 9; examples a,c-e; table 1 page 11, right-hand column, line 12 - page 12; claim 1 ----- -/--	12, 17, 18



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

17 February 2005

Date of mailing of the international search report

25/02/2005

Name and mailing address of the ISA

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Magrizos, S

## INTERNATIONAL SEARCH REPORT

International Application No

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 615 158 A (KONICA) 14 September 1994 (1994-09-14) page 28, line 10 - line 12 page 28, line 43 - line 44 page 38, line 12 - line 13 page 41, line 38 - page 42, line 23 page 51, line 37 - line 44 page 52, line 1 - line 8 -----	1-6, 8, 14-16, 19       X
X	EP 1 122 595 A (KODAK) 8 August 2001 (2001-08-08) page 14, line 35 - line 36 page 38, line 33 page 47, line 27 - line 52 -----	1-7, 14-16, 19
X	EP 1 069 471 A (KODAK) 17 January 2001 (2001-01-17) page 19, line 29 - line 53 page 21, line 50 -----	1-7, 14, 15, 19
X	EP 1 069 470 A (KODAK) 17 January 2001 (2001-01-17) page 15, line 26 - line 50 page 18, line 22 -----	1-7, 14, 15, 19
X	EP 1 052 542 A (KODAK) 15 November 2000 (2000-11-15) page 10, line 4 - line 29 page 13, line 46 - line 47 -----	1-7, 14, 15, 19
X	US 2003/162122 A1 (NAIR ET AL.) 28 August 2003 (2003-08-28) paragraphs '0098!', '0104! -----	1-7, 14, 15, 19
X	US 6 573 011 B1 (NAIR ET AL.) 3 June 2003 (2003-06-03) column 27, line 1 - line 23 column 32, line 19 -----	1-7, 14, 15, 19
X	US 6 274 298 B1 (NAIR ET AL.) 14 August 2001 (2001-08-14) column 17, line 35 - line 54 column 21; example S.6 -----	1-7, 14, 15, 19
X	US 6 194 130 B1 (NAIR ET AL.) 27 February 2001 (2001-02-27) column 17, line 43 - line 61 column 21; example S.6 -----	1-7, 14, 15, 19
X	US 6 153 363 A (NAIR ET AL.) 28 November 2000 (2000-11-28) column 19, line 28 - line 47 column 23; example S.6 -----	1-7, 14, 15, 19
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## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/004967

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5 667 950 A (SCHMIDT) 16 September 1997 (1997-09-16) column 3, line 32 - line 34 column 13, line 17; claims 1,8,9 -----	17,18
Y	DE 100 17 849 A (KODAK) 23 November 2000 (2000-11-23) page 5, line 15 - line 17 page 8, line 38 - line 49 -----	12
L	GB 1 402 697 A (TEXACO) 13 August 1975 (1975-08-13) page 3, line 99 - line 112 -----	1
L	US 2003/158050 A1 (KAWASAKI ET AL.) 21 August 2003 (2003-08-21) paragraph '0020! - paragraph '0023! -----	1
L	US 3 116 247 A (MOORE ET AL.) 31 December 1963 (1963-12-31) column 3, line 14 - line 20 -----	1
L	EP 0 352 067 A (WACO TECHNICAL) 24 January 1990 (1990-01-24) page 4, line 23 - line 25; claims 1,5 -----	1
L	DE 16 96 412 B (IBM) 11 June 1970 (1970-06-11) column 3, line 24 - line 26 -----	1

## FURTHER INFORMATION CONTINUED FROM PCT/SA/ 210

Continuation of Box II.2

Claims Nos.: -

Present claim 1 relates to a product defined by reference to a desirable characteristic or property, namely a lubricant providing scratch resistance and a lubricant providing abrasion resistance.

The claim covers all products having these characteristics or properties, whereas the application provides support within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT for only a very limited number of such products. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Independent of the above reasoning, the claims also lack clarity (Article 6 PCT). An attempt is made to define the product by reference to a result to be achieved. Again, this lack of clarity in the present case is such as to render a meaningful search over the whole of the claimed scope impossible. Consequently, the search has been carried out for those parts of the claims which appear to be clear, supported and disclosed, namely those parts relating to the products mentioned in claims 2-18.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

# INTERNATIONAL SEARCH REPORT

International application No.  
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## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/004967

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 1107255	A	25-04-1989	NONE	
EP 0615158	A	14-09-1994	JP 6258749 A EP 0615158 A1	16-09-1994 14-09-1994
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/GB2004/004967

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
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			JP	6076588 B	28-09-1994
			DE	68905104 D1	08-04-1993
			DE	68905104 T2	17-06-1993
			EP	0352067 A1	24-01-1990
			US	5000863 A	19-03-1991
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DE 1696412	B	11-06-1970	US	3274110 A	20-09-1966
			DE	1696412 B1	11-06-1970
			FR	1377699 A	06-11-1964
			GB	982756 A	10-02-1965
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